

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: May 8, 1995

SUBJ: Standard Scrap Metal/Chicago International Exporting Site Pollution
Report

FROM: Steve Faryan, U.S. EPA Region V OSC

TO: D. Dietrich, U.S. EPA, OSWER R. Karl, Branch Chief, EERB
J. Cisneros, Section Chief, ESS, D. Bruce, Chief RS-2
K. Lindland, ORC, D. Kimbrough, OPA, T. Krause/Mark Weber, IEPA
D. Inman, Dept. of the Environment, D. Henne, U.S. Dept. of Interior

POLREP NO: POLREP 21

EPA Region 5 Records Ctr.



231941

II BACKGROUND

Refer to POLREP # 1

III SITE INFORMATION

Refer to POLREP # 1

IV RESPONSE INFORMATION

A. Situation

1. Current Situation

Refer to POLREP #1

2. Removal Activities (April 29, 1995 thru May 5, 1995)

- * Crew excavated soil from grids K, L, 14, 15, and 16 located to the southwest of the shredder in Main Yard. The soil resulting from this operation was periodically moved, stockpiled, and ultimately disposed at Envirosafe.
- * ERCS completed scraping and brushing of the asphalt area located on the east side of Main Yard building with a bobcat and sweeper attachment.
- * Confirmation samples were collected from the excavated areas. Side walls between excavated and adjacent non-excavated areas were also sampled. All samples showed PCB concentrations below the removal action level of 10 ppm.
- * ERCS crew backfilled the excavated areas with tunnel stone.
- * TAT collected pre-excavation samples from grid L-17 and the ramp immediately south of the high pad. Several motors were observed in the excavated pit.
- * ERCS crew pumped out rain water collected from work areas onto the soil pile.
- * ERCS crew moved CIE's soil piles located at I & J 19 grids and stockpiled it for later disposal.
- * CIE continue shredding copper during this POLREP period.
- * CIE operated gravity separator during this POLREP period. Cloud of dust were observed by the OSC inside the building during operation.
- * No high volume air sampling was conducted last week.
- * Cardboard boxes of the fluff from CIE's bag houses have been observed to be deteriorating and are being spread throughout the site. CIE has been asked six times to set up a disposal firm and to put the material in TSCA approved and DOT approved containers. CIE has repeatedly failed to comply, so this case will be referred to TSCA for enforcement.

B. Enforcement

CIE agreed to have all materials removed out of Area #2 (east half of Main Yard) by May 8, 1995. This is a one week extension given by U.S. EPA. As of Monday morning CIE had failed to meet this deadline date. CIE and their attorney have agreed to put a letter together stating that all of the piles in area #2 will be moved today and that the shredder will be kept shut down until May 22, 1995. CIE also agreed to move all useable products and debris from under the shredder and conveyors.

B. Planned Removal Activity

Refer to POLREP 1 through 20

C Next Steps

- * Complete back filling operations of West Yard.
- * Continue transportation and disposal of contaminated soil, debris, and fluff.
- * Continue High Volume Air Sampling for lead and total suspended particulates when visible emissions are detected.
- * Collect samples from the shredded material, baghouse, and pre-shredded material as needed.
- * Clear debris, motors, copper fines and debris from Main Yard.
- * Dispose contaminated soil, debris, and fluff at a TSCA Landfill.

D Key Issues

- * Monitor compliance with the Unilateral Administrative Order to Chicago International Exporting to cease releases PCBs from the shredding and gravity separator operations.

COST INFORMATION (as of 05/05/95)

	COST	CEILING
ERCS	\$ 2,578,874	\$ 3,300,000
TAT	\$ 120,400	\$ 150,000
U.S. EPA	\$ 98,870	\$ 125,000

VI DISPOSITION OF WASTES

- * A total of 110 rail cars have been shipped off-site for an estimated total of 9,900 tons. Two waste disposal shipments occurred during this POLREP period.
- * Five tanker loads approximating 20,600 gallons of UST contents and water collected from the UST excavated area have been shipped to Safety Clean (Breslube) as of 1/20/95 for disposal.